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9p, 6refs.  
Order from SLA: \$1.10 as TT-65-11959

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Order from MDF \$4.00 MDF F-132

Trans. of A[kademiya] N[auk] SSSR. Doklady, 1961,  
v. 138, no. 2, p. 344-347.

DESCRIPTORS: \*Solids; \*Crystals, Thermodynamics,  
Solutions, \*Lattices.

(Physics--Solid State, TT, v. 6, no. 4)

I. Fastov, N. S.  
II. MDF F-132  
III. Friedman, Morris D., Inc.,  
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Vol IV, No 2, 1960, pp 41-47.

UBASIA Tr 1194

EUR - Germany

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RECONSTRUCTION AND INITIAL OPERATION OF  
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STEDT. [1960] [14 p. 2 refs.  
Order from SLA \$11.60

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Trans. of Technische Mitteilungen Krupp (West  
Germany) 1958, v. 16, no. 2 [p. 34-38].

DESCRIPTORS: \*Metallurgy, \*Industrial plants,  
Germany, Construction, Operation.

(Metallurgy, TT, v. 7, no. 5)

1. Title: Krupp-Renn plant

1. Fastje, D.

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(Bau und Betrieb der Krupp-Romananlage in Watenstedt).  
(1963) [37 p. (foreign text included) 17 refs.  
Order from SLA \$3.60 63-16740

Trans. of Stahl u[nd] Eisen (West Germany) 1949,  
v. 69, no. 10, p. 319-323.

DESCRIPTORS: \*Industrial plants, \*Iron, \*Rotary  
furnaces, Construction, Operation, Ores (Metal  
sources), Economics, Costs.

(Metallurgy, TT, v. 10, no. 7)

1. Title: Krupp direct  
process
1. Fastje, D.

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NSF Tr 77

Scientific - Minerals/Metals CTS/LEX

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OTS TT-C-1989

*I. A. Fastovskii*

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Study of the Balance Liquid-Vapor in the  
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*V. G. Pastovskii*  
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Heat Transfer Resistance of Pipe Bundles  
Arranged in Chequerboard Order and With  
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U. V. Petrovskii.  
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pp 69-72.  
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L. G. FASTOVSKII

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INVESTIGATION OF THE EQUILIBRIUM BETWEEN  
LIQUID AND GAS IN THE BINARY SYSTEM OXY-  
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Order from ATS \$14.45      ATS-53M47G

Trans. of Acta Physicochim[ica] U. R. S. S. 1939,  
v. 11, no. 6, p. 883-898.

DESCRIPTORS: \*Oxygen, \*Krypton, Liquids, Gases,  
Chemical equilibrium.

(Chemistry--Physical, TT, v. 10, no. 1)

- I. Fastovskii, V. G.
- II. Gurvich, Y. G.
- III. ATS-53M47G
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DESCRIPTORS: \*Krypton, \*Oxygen, \*Chemical  
equilibrium, Vapors, Liquids, \*Liquefied gases,  
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(Chemistry--Physical, TT, v. 9, no. 10)

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Fr-1: R 1032 - French

\* US-8: English

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~~and V. G. Pastovskiy~~, 3pp.

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Order from OTS or SLA \$1.10

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Trans. of Zhur[an] Fiz[cheskoi] Khim[ii] (USSR)  
1942, v. 16, no. 3/4, p. 148-151.

DESCRIPTORS: \*Argon, Solubility, \*Liquefied  
gases, Oxygen.

The solubility of gaseous argon in liquid oxygen was in-  
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considerable deviation of the experimental data from  
ideal solubility established. An empirical equation  
was derived permitting calculation of the solubility of  
argon in liquid oxygen. (Author)

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Production of Ozone by Silent Electric Discharge,  
by V. G. Pastovsky, A. E. Rovinsky, 6 pp.

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[1963] [7p] 12reds PASEB manuscript no. S 480-3.  
Order from OTS, SLA, or ETC \$1.10 TT-64-13453  
figs. available on loan from OTS  
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- I. Fastovskii, Ya. A.
- II. Nevskii, B. N.
- III. PASEB-S-480-3
- IV. Federation of American  
Societies for Experi-  
mental Biology,  
Washington, D. C.
- V. Scripta Technica, Inc.,  
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(Biological Sciences--Pathology, TT, v. 11, no. 11)

The Solubility of Gases in Liquids at Low Temperatures and High Pressures. III. The Solubility of Hydrogen in Liquid Methane, by W. Fastowsky, M. Gonikberg, 8 pp.

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Sci - Physics  
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AEC Tr 3661

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U. S. S. R., et al.

Abstract, per, Journal Experimental'noy i

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*M. N. Fataleyev*

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Jan 66

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Variability of Biochemical Characteristics of  
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1961, pp 175-184. 9214987

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Sci. - Biol. & Med. Sci.  
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A New Species of the Genus Rhus From the  
Upper Sarmatian Deposits of Transcaucasia, by  
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The Propagation Along a Magnetic Field of Nonlinear  
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Vol VII, No 2

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Fatchikhin, N. V.  
REFERENCING STARS TO GALAXIES. 10 Oct 63, 11p  
11refs FTD-TT-62-959 (p. 235a-245).  
Order from OTS, SLA, or ETC \$28.50 in TT-64-13176  
(p. 235a-245)

Unedited rough draft trans. from mono. Astrometri-  
cheskaya Konferentsiya SSSR (no. 14) Kiev,  
27-30 May 58. Trudy, Moscow, 1960.

DESCRIPTORS: \*Stars, \*Galaxies, \*Astrophysics,  
Photography, Motion

(Astronomy: Astrophysics, TT, v. 11, no. 5)

TT-64-13176 (p. 235a-245)

- I. Fatchikhin, N. V.
- II. FTD-TT-62-959  
(p. 235a-245)
- III. Foreign Tech. Div.,  
Air Force Systems  
Command, Wright-  
Patterson AFB, Ohio

Office of Technical Services

TT-63-24447

FAZEEVA, M. N., Loginov, A. S., Ivanitskaya, L. A.,  
and Kirillov, Yu. M.

INVESTIGATION OF THE LIVER FUNCTION BY  
THE  $^{131}\text{I}$ -BENGAL ROSE TEST. [1963] [10p] 6refs  
FASEB Manuscript no.: S-54-3.

Order from OTS, SLA, or ETC \$1.10 TT-63-24447

Trans. of Meditsinskaya Radiologiya (USSR) 1962,  
v. 7, no. 10, p. 3-8. (Abstract available)

DESCRIPTORS: Biological stains, \*Liver function  
tests, \*Tracer studies, Labeled substances,  
\*Scintillation counters, Medical equipment, Diagnostic  
agents,

The object of the study was to develop a technique of  
estimating the function of the polygonal cells of the  
liver by external scintillation counting, using an ap-  
paratus assembled for this purpose in our laboratory,  
and to seek the most adequate method of analyzing the  
(Biological Sciences--Pathology, TT, v. 11, no. 6)over

- I. Title: Rose bengal
- I. Fazeeva, M. N.
- II. Loginov, A. S.
- III. Ivanitskaya, L. A.
- IV. Kirillov, Yu. M.
- V. FASEB-S-54-3
- VI. Federation of American  
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mental Biology,  
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Office of Technical Services



A Comparison of Alternative Methods of Calculating  
Feeder-Head Dimensions, by V. A. Fateyev, N. K.  
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Fataliyeva, F. A. Aliyeva, 8 pp.

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JPRS 5403

Sci - Med

Sep 60

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Gradient Accelerators, by, A. P. Fateyev,

13 pp.

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1961, pp 238-253.

AIP  
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Vol VI, No 2

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Aerofotos'yemki, i Kartografii, No 28, 1957,  
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Determination of Tolerances on the Magnetic Field  
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A. P. Fateyev, 5 pp.

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Sci  
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A Ring Cyclotron With a Vertically Increasing  
Magnetic Field, by A. P. Pateyev, B. N. Yablokov,  
1 p.

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Sci - Nuclear Phys

Mar 61

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Design of a Magnet for a Frequency-Modulated  
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